

TO: BOARD OF DIRECTORS

FROM: MARIO IGLESIAS
GENERAL MANAGER 

DATE: July 21, 2016

AGENDA ITEM

C

JULY 27, 2016

PRESENTATIONS AND REPORTS

The following presentations and reports are scheduled:

- C-1) DIRECTOR OF ENGINEERING AND OPERATIONS SUMMARY OF ACTIVITIES – JOSHUA ROAD PUMP STATION CONSTRUCTION
- C-2) DIRECTORS' ANNOUNCEMENTS OF DISTRICT & COMMUNITY INTEREST AND REPORTS ON ATTENDANCE AT PUBLIC MEETINGS, TRAINING PROGRAMS, CONFERENCES, AND SEMINARS.
Receive Announcements and Reports from Directors
- C-3) RECEIVE PUBLIC COMMENT ON PRESENTATIONS AND REPORTS PRESENTED UNDER ITEM C AND BY MOTION RECEIVE AND FILE PRESENTATIONS AND REPORTS

TO: BOARD OF DIRECTORS

FROM: MARIO E. IGLESIAS
GENERAL MANAGER

DATE: JULY 22, 2016

AGENDA ITEM

C-1

JULY 27, 2016

DIRECTOR OF ENGINEERING AND OPERATIONS SUMMARY OF ACTIVITIES

ITEM

Engineering and Operations update for Joshua Road Pump Station Reservoir, June 2016 Report [NO ACTION REQUESTED].

BACKGROUND

Director of Engineering and Operations, Peter Sevcik will overview his update (attached) and discuss recent activities at the JRPS Reservoir Project.

RECOMMENDATION

Staff recommends that your Honorable Board receive the update.

ATTACHMENTS

- A. Engineering and Operations Update for Joshua Road Pump Station Reservoir.

July 27, 2016

ITEM C-1

ATTACHMENT A

Nipomo Community Services District



Supplemental Water Project Joshua Road Pump Station Reservoir Monthly Progress Report



Prepared By:
MNS Engineers, Inc.

June 2016

Schedule and Budget Summary

Schedule Summary

Notice to Proceed	April 25, 2016
Original Contract Days	270
Contract Days Added	0
Revised Contract Days	270
Elapsed Time (Days)	(61)
Remaining Time (Days)	209
Contract Completion Date	January 19, 2017
Time Elapsed to Date	22.5 %
Work Completed to Date	17.1%
Approved Change Orders (Days)	0 days

Budget Summary

Original Contract Amount	\$2,463,375.00
Approved Change Orders (Cost)	\$0.00
Revised Contract Amount	\$2,463,375.00
Previous Payments	\$212,630.00
Current Month Pay Request	\$209,470.00
Total Work Completed	\$422,100.00
Work Remaining	\$2,041,275.00

Progress Summary

Joshua Road Pump Station Reservoir

Summary of Work:

Curtis Drilling completed installation of the shoring system designed to protect the existing pump station during excavation and construction of the new reservoir. When the shoring system was completed, Pacific Hydrotech Corporation continued excavation for the reservoir, and started excavation for the dewatering manhole, installed temporary manhole shoring, and started construction of the new manhole.

Pictures:



Drilling hole for installing I-beam pile for shoring.



Curtis Drilling moving I-beam to drilled hole to set into place for shoring.



Curtis Drilling setting I-beam into place for shoring.



Pouring concrete at base of I-beam for shoring.



Curtis Drilling pouring slurry around top of I-beam for shoring.



Curtis Drilling using casing for drilling the hole for the I-beam.



Moving I-beam into place to set in drilled hole.



Setting I-beam in place for shoring system.



Pouring concrete around I-beam.



Pouring concrete around I-beam for shoring.



Pouring concrete around I-beam for shoring system.



Installing first row of shoring planks between I-beam piles.



Pouring slurry behind first row of shoring planks installed.



Removing the next 5 feet of soil from below existing planks to install another row.



Removing the next 5 feet of soil to install another row of planks for shoring.



Installing and preparing the next row of planks for slurry.



Putting slurry behind the shoring planks.



PHC continuing excavation and exposing the future reservoir discharge pipe stub.



PHC continuing excavation for the future reservoir.



PHC continuing reservoir excavation.



PHC working on excavation for shoring around reservoir discharge pipe stub.



Future reservoir discharge pipe stub exposed.



Curtis Drilling installing shoring around future reservoir discharge pipe stub.



Preparing to grout shoring around discharge pipe stub.



First row of shoring installed to protect the existing pump station.



PHC continuing excavation for reservoir with first row of shoring installed.



PHC continuing reservoir excavation and excavating for manhole and final row of shoring.



Curtis Drilling laying out the next row of shoring piles near the future manhole.



Curtis Drilling starting to drill piles for the next row of shoring.



Drilling the piles with drilling mud to prevent cave-in of native material.



Curtis Drilling drilling pile holes for second row of shoring by future manhole.



Setting I-beam pile into position in the hole.



Setting I-beam pile into position in the hole.



Pouring slurry to around I-beam pile set in hole.



PHC excavating for installation of the next row of shoring planks.



Curtis Drilling installing shoring planks for the last row of shoring near the new manhole.



PHC removing more material to prepare for installing the manhole.



PHC excavating to install temporary manhole shoring.



PHC mobilizing temporary manhole shoring to start construction of the new manhole.



PHC setting temporary manhole shoring.



Curtis Drilling completing grouting of permanent shoring from inside temporary manhole shoring.



PHC setting steel plates for temporary manhole shoring.



PHC installing filter fabric to wrap around rock base under future manhole.



PHC placing rock base inside fabric for underneath future manhole.



PHC compacting rock base underneath future manhole.